

RECEIVED

OCT 18 2001

TECH CENTER 1600/2900



-1-

SEQUENCE LISTING

<110> Lin, Yao-Zhong  
Hawiger, Jack J.

<120> A Novel Method for Importing  
Biologically Active Molecules into Cells

<130> 22000.0021U2

<140> 09/516,310  
<141> 2000-03-01

<150> 09/170,754  
<151> 1998-10-13

<150> 09/052,784  
<151> 1998-03-31

<150> 08/258,852  
<151> 1994-06-13

<160> 11

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 26  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<221> SITE  
<222> (1)...(16)  
<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE  
<222> (17)...(19)  
<223> note = Spacer region

<221> SITE  
<222> (20)...(26)  
<223> note = Epitope tag

<400> 1  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Ala Ala Ala Asp Gln Asn Gln Leu Met Pro

20

25

<210> 2  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 2  
Asn Tyr Lys Lys Pro Lys Leu  
1 5

<210> 3  
<211> 26  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<221> SITE  
<222> (1)...(16)  
<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE  
<222> (17)...(19)  
<223> Spacer region

<221> SITE  
<222> (20)...(26)  
<223> Nuclear localization sequence of aFGF

<400> 3  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu  
20 25

<210> 4  
<211> 28  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<221> SITE  
<222> (1)...(16)  
<223> note = Signal peptide amino acid sequence of K-FGF

<221> SITE  
<222> (17) ... (19)  
<223> note = Spacer region

<221> SITE  
<222> (20) ... (26)  
<223> note = Nuclear localization sequence of aFGF

<221> SITE  
<222> (27) ... (28)  
<223> note = Epitope tag

<400> 4  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Ala Ala Ala Asn Tyr Lys Lys Pro Lys Leu Met Pro  
20 25

<210> 5  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<221> SITE  
<222> (1) ... (16)  
<223> note = Signal peptide amino acid sequence of K-FGF

<400> 5  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15

<210> 6  
<211> 41  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 6  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr  
20 25 30  
Pro Gly Met Phe Ile Ala Leu Ser Lys  
35 40

<210> 7

<211> 25  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 7  
Glu Ile Leu Leu Pro Asn Asn Tyr Asn Ala Tyr Glu Ser Tyr Lys Tyr  
1 5 10 15  
Pro Gly Met Phe Ile Ala Leu Ser Lys  
20 25

<210> 8  
<211> 26  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 8  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Ile Glu Glu Lys Arg Lys Arg Thr Tyr Glu  
20 25

<210> 9  
<211> 26  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 9  
Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
1 5 10 15  
Val Asn Arg Lys Arg Asn Lys Leu Met Pro  
20 25

<210> 10  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence; note = synthetic construct

<400> 10  
Val Asn Arg Lys Arg Asn Lys Leu Met Pro

1

5

10

<210> 11

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence; note = synthetic construct

<400> 11

Ile Glu Glu Lys Arg Lys Arg Thr Tyr Glu

1

5

10